

QFJ - Quiet Fan Jet Propeller Series - King Air 200

mt-propeller



Type of Aircraft: HBC 200 Series
FAA STC: SA03209NY
EASA STC: 10036196
FAA / EASA Aircraft TCDS: A24CE / EASA.IM.A277

FAA / EASA Propeller TCDS: P22BO / P.104

Applicable Aircrafts

Hawker Beechcraft Models:
 200, 200C, 200CT, 200T, A200 (12A), A200 (C-12C), A200CT (C-12D), A200CT (C-12F), A200CT (RC-12D), A200CT (FWC-12D), A200CT (C-12G, A200CT (RC-12H), B200, B200C, B200CGT, B200CT, B200GT, B200T

Engines

P&WC PT6A-41, -42, -52, -61



King Air 200

STC Kit Contents

Two 5-Blade Full Feathering Constant Speed Reversible Propellers
 Two Full Composite Spinners (AFRP)
 One Airplane Flight Manual Supplement
 One Installation Instruction
 One Instruction For Continued Airworthiness
 One Operation and Installation Manual

MTV-27-1-E-C-F-R(P)/CFR225-55f

P-1228-()
 Doc. No. E-2041
 Doc. No. E-2042
 Doc. No. E-2043
 ATA 61-06-10 (E-610)

Propeller Specifications

Full Propeller Designation
 Propeller Hub (Milled single-piece aluminum)
 Blade
 Blade Design
 Propeller De-Ice
 Weight of one installed propeller
 Maximum Diameter
 Minimum Diameter
 TBO

MTV-27-1-E-C-F-R(P)/CFR225-55f
 MTV-27-1-E-C-F-R(P)
 CFR225-55f
 Scimitar, light-weight natural composite
 Electro-thermal de-ice boots
 144.4 lbs (propeller with de-ice)
 88.6 in.
 86.6 in.
 According to SB 1 () latest issue

Replaces

3-Blade and 4-blade Hartzell and McCauley propellers

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy leading edge for superior erosion protection of the blades
- General performance improvement (5% take-off & climb, 3 kts cruise with 1800 rpm)
- Approx. 25 lbs less weight than the original 4-blade propellers with aluminum blades
- No propeller speed restrictions on ground while operating in low idle
- Unlimited blade life and FOD repairable blades
- More ground clearance => less FODs
- Significant cabin noise and vibration reduction

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